

WHAT IS CLAIMED IS:

1. A camera comprising:

a lens unit having a movable lens of a view finder optical system;

a cam member having a cam which engages with the lens unit and driving the lens unit;

a first energizing member which energizes the cam member in one of moving directions of the cam member; and

a second energizes member which energizes the lens unit so as to contact the cam surface,

wherein throughout the entire area of the cam, the direction of a force generated by the force of the second energizing member applied to the cam member through the contact between the lens unit and the cam surface in the moving direction of the cam member substantially matches the energizing direction of the first energizing member.

2. The camera according to claim 1,

wherein the cam member has the cam and an other cam which engage with the lens unit other than the lens unit engaging with the cam.

3. The camera according to claim 1,

wherein the distance between the cam and the other cam is narrowed in the energizing direction of the first energizing member, and

the second energizing member energizes the two lens

units which engage with the cam and the other cam so as to further away from each other in the direction of the optical axis.

4. The camera according to claim 2,

wherein the tilting of the other cam is inverted on the border between the first and second areas.

5. A camera comprising:

a lens unit having a movable lens of a view finder optical system;

a cam member having a cam which engages with the lens unit and driving the lens unit;

a first energizing member which energizes the cam member in one of moving directions of the cam member; and

a second energizes member which energizes the lens unit so as to contact the cam surface, wherein

the distance between at least two cams is narrowed in the energizing direction of the first energizing member, and

the second energizing member energizes the two lens units which engage with the two cams so as to further away from each other in the direction of the optical axis.

6. A camera comprising:

a plurality of lens units having movable lenses of a view finder optical system;

a cam member having a plurality of cams which engage

with the lens units and driving the lens units;

a first energizing member which energizes the cam member in one of moving direction of the cam member; and

a second energizing member which energizes the lens units so as to contact the cam surfaces,

wherein, the second energizing member energizes the lens units so as to further away from one another in the direction of the optical axis.

7. A camera comprising:

two lens units having a movable lenses of a view finder optical system;

a cam member having two cam which engage with the two lens units and driving the two lens units; and

an energizing member which energizes the two lens units so as to contact the two cam surfaces,

wherein the two cams are tilted so that the distance between the two cams widens, and the energizing member energizes the two lens units so as to further away from each other.